



Williston Business Unit
3239 Hwy. 22, Dickinson, ND 58601
Telephone 701-264-4923

October 29, 2018

Suzanne Bohan
USEPA Region 8
1595 Wynkoop Street
Mailcode 8ENF-AT
Denver, CO 80202-1129

RE: NSPS OOOOa Annual Report
Reporting Period: August 2, 2017 through August 1, 2018
Lime Rock Resources
North Dakota

RECEIVED

NOV 2 - 2018

**Office of Enforcement, Compliance
and Environmental Justice**

Dear Ms. Bohan:

As required by 40 CFR 60.5420a(b) of the federal New Source Performance Standards Subpart OOOOa - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 (NSPS OOOOa), Lime Rock Resources – North Dakota (Lime Rock) hereby submits the Annual Report for its onshore production assets located in North Dakota's Williston Basin covering the reporting period of August 2, 2017 through August 1, 2018.

Please contact Robyn Espinoza at (701) 264-4923 or respinoza@limerockresources.com for any questions in regard to this report.

Sincerely,

Robyn Espinoza
Environmental Specialist
Lime Rock Resources – North Dakota

Attachments

CC: Justin Thompson, EHS Manager

Lime Rock Resources – North Dakota
 NSPS OOOOa Annual Report
 Reporting Period: 8/2/2017 through 8/1/2018

I. General Information [§60.5420(b)(1)]

Company Name:	Lime Rock Resources
Address:	3239 Highway 22 Dickinson, ND 58601

Affected Facilities:	Subject to Reporting?
Hydraulically fractured/refractured wells [§60.5365a(a)]	Yes
Centrifugal compressors [§60.5365a(b)]	N/A
Reciprocating compressors [§60.5365a(c)]	N/A
Pneumatic controllers [§60.5365a(d)]	N/A
Storage vessels [§60.5365(e)]	N/A
Pneumatic pumps [§60.5365a(h)]	N/A
Fugitive emission components at a well site or compressor station [§60.5365a(i) and (j)]	Yes

Reporting Period Start:	8/2/2017
Reporting Period End:	8/1/2018

Responsible Official Certification Statement
Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.

Justin Thompson	(b) (6)	10-29-2018
Environmental, Health and Safety Manager		
Responsible Official Name and Title (Printed)	Responsible Official Signature	Date

Notes

N/A = not applicable

II. Well Affected Facilities §60.5420a(b)(2)(i)

Affected Facility:

Each well affected facility, which is a single well that conducts a well completion operation following hydraulic fracturing or refracturing. §60.5365a(a)

Reporting Requirements

A. Records of each well completion operation as specified in paragraphs (c)(1)(i) through (iv) and (vi) of this section, if applicable, for each well affected facility conducted during the reporting period. In lieu of submitting the records specified in paragraph (c)(1)(i) through (iv) of this section, the owner or operator may submit a list of the well completions with hydraulic fracturing completed during the reporting period and the records required by paragraph (c)(1)(v) of this section for each well completion. §60.5420a(b)(2)(i)

Table 1-A: Well Flowback Information

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ¹ (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
State 5-25-36H-144-97	Routine Development	(b) (9)	33-025-03283	8/22/2017	1:45 PM	11:59 PM	Initial Flowback	10.25	0.00	0.00	0.00	Not applicable	Not applicable	
				8/23/2017	12:00 AM	8:59 AM	Initial Flowback	9.00	0.00	0.00	0.00	Not applicable	Not applicable	
				8/23/2017	9:00 AM	11:59 PM	Separation Flowback	15.00	15.00	0.00	0.00	Not applicable	Not applicable	
				8/24/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	24.00	0.00	0.00	Not applicable	Not applicable	
				8/25/2017	12:00 AM	8:30 AM	Separation Flowback	8.50	8.50	0.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 8:30 AM
State 6-25-36H-144-97	Routine Development	(b) (9)	33-025-03284	8/23/2017	8:30 AM	1:59 PM	Initial Flowback	5.50	0.00	0.00	0.00	Not applicable	Not applicable	
				8/23/2017	2:00 PM	11:59 PM	Separation Flowback	10.00	7.00	3.00	0.00	Not applicable	Not applicable	Gas sent to sales starting at 5:00 PM
				8/24/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	24.00	0.00	0.00	Not applicable	Not applicable	
				8/25/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	24.00	0.00	0.00	Not applicable	Not applicable	
				8/26/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	24.00	0.00	0.00	Not applicable	Not applicable	
				8/27/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	24.00	0.00	0.00	Not applicable	Not applicable	
				8/28/2017	12:00 AM	6:00 AM	Separation Flowback	6.00	6.00	0.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 6:00 AM
Rebsom 3-14-23H-143-95	Routine Development	(b) (9)	33-025-02520	9/12/2017	7:35 PM	11:59 PM	Initial Flowback	4.42	0.00	0.00	0.00	Not applicable	Not applicable	
				9/13/2017	12:00 AM	9:59 AM	Initial Flowback	10.00	0.00	0.00	0.00	Not applicable	Not applicable	
				9/13/2017	10:00 AM	12:15 PM	Separation Flowback	2.25	0.00	2.25	0.00	Not applicable	Not applicable	Well turned to production facilities at 12:15 PM

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ¹ (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
Rebsom 4-14-23H-143-95	Routine Development	(b) (9)	33-025-02521	9/10/2017	3:30 PM	11:59 PM	Initial Flowback	8.50	0.00	0.00	0.00	Not applicable	Not applicable	
				9/11/2017	12:00 AM	9:59 AM	Initial Flowback	10.00	0.00	0.00	0.00	Not applicable	Not applicable	
				9/11/2017	10:00 AM	11:59 PM	Separation Flowback	14.00	0.00	14.00	0.00	Not applicable	Not applicable	
				9/12/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				9/13/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				9/14/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				9/15/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				9/16/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				9/17/2017	12:00 AM	1:00 AM	Separation Flowback	1.00	0.00	1.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 1:00 AM
Rebsom 5-14-23H-143-95	Routine Development	(b) (9)	33-025-02519	9/13/2017	7:45 PM	11:59 PM	Initial Flowback	4.25	0.00	0.00	0.00	Not applicable	Not applicable	
				9/14/2017	12:00 AM	9:59 AM	Initial Flowback	10.00	0.00	0.00	0.00	Not applicable	Not applicable	
				9/14/2017	7:00 AM	11:59 PM	Separation Flowback	17.00	0.00	17.00	0.00	Not applicable	Not applicable	
				9/15/2017	12:00 AM	6:00 AM	Separation Flowback	6.00	0.00	6.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 6:00 AM
High Ridge 8-5-1H-160-90	Routine Development	(b) (9)	33-013-01836	9/30/2017	8:40 AM	11:59 PM	Initial Flowback	15.33	0.00	0.00	0.00	Not applicable	Not applicable	
				10/1/2017	12:00 AM	11:59 PM	Initial Flowback	24.00	0.00	0.00	0.00	Not applicable	Not applicable	
				10/2/2017	12:00 AM	11:59 PM	Initial Flowback	24.00	0.00	0.00	0.00	Not applicable	Not applicable	
				10/3/2017	12:00 AM	9:15 AM	Initial Flowback	9.25	0.00	0.00	0.00	Not applicable	Not applicable	No gas seen for entirety of flowback

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ² (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
Ward Hill 20-29-14-160-90	Routine Development	(b) (9)	33-013-01838	10/10/2017	7:00 AM	11:59 PM	Initial Flowback	17.00	0.00	0.00	0.00	Not applicable	Not applicable	
				10/11/2017	12:00 AM	1:59 PM	Initial Flowback	14.00	0.00	0.00	0.00	Not applicable	Not applicable	
				10/11/2017	2:00 PM	11:59 PM	Separation Flowback	10.00	0.00	10.00	0.00	Not applicable	Not applicable	
				10/12/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				10/13/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				10/14/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				10/15/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				10/16/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				10/17/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				10/18/2017	12:00 AM	9:15 AM	Separation Flowback	9.25	0.00	9.25	0.00	Not applicable	Not applicable	Well turned to production facilities at 9:15 AM
Sandy 18-19-37FH	Routine Development	(b) (9)	33-061-04058	11/23/2017	4:00 AM	12:59 PM	Initial Flowback	9.00	0.00	0.00	0.00	Not applicable	Not applicable	
				11/23/2017	1:00 PM	11:59 PM	Separation Flowback	11.00	0.00	11.00	0.00	Not applicable	Not applicable	
				11/24/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				11/25/2017	12:00 AM	6:30 PM	Separation Flowback	18.50	0.00	18.50	0.00	Not applicable	Not applicable	Well shut-in at 6:30 PM
				11/29/2017	8:00 AM	6:59 PM	Initial Flowback	11.00	0.00	0.00	0.00	Not applicable	Not applicable	
				11/29/2017	7:00 PM	11:59 PM	Separation Flowback	5.00	0.00	5.00	0.00	Not applicable	Not applicable	
				11/30/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/1/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	13.00	11.00	0.00	Not applicable	Not applicable	Began selling gas at 11:00 AM
				12/2/2017	12:00 AM	6:00 AM	Separation Flowback	6.00	6.00	0.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 6:00 AM

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ¹ (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
Sandy 18-19-2H	Routine Development	(b) (9)	33-061-04057	11/17/2017	8:00 PM	11:59 PM	Initial Flowback	4.00	0.00	0.00	0.00	Not applicable	Not applicable	
				11/18/2017	12:00 AM	1:59 PM	Initial Flowback	14.00	0.00	0.00	0.00	Not applicable	Not applicable	
				11/18/2017	2:00 PM	11:59 PM	Separation Flowback	10.00	0.00	10.00	0.00	Not applicable	Not applicable	
				11/19/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				11/20/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				11/21/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				11/22/2017	12:00 AM	11:00 AM	Separation Flowback	11.00	0.00	11.00	0.00	Not applicable	Not applicable	Well shut-in at 11:00 AM
				12/6/2017	12:00 PM	1:59 PM	Initial Flowback	2.00	0.00	0.00	0.00	Not applicable	Not applicable	
				12/6/2017	2:00 PM	11:59 PM	Initial Flowback	10.00	0.00	10.00	0.00	Not applicable	Not applicable	
				12/7/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/8/2017	12:00 AM	6:00 AM	Separation Flowback	6.00	0.00	6.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 6:00 AM
Hansen B 18-19-1H	Routine Development	(b) (9)	33-061-04099	11/23/2017	3:28 PM	11:59 PM	Initial Flowback	8.53	0.00	0.00	0.00	Not applicable	Not applicable	
				11/24/2017	12:00 AM	4:59 AM	Initial Flowback	5.00	0.00	0.00	0.00	Not applicable	Not applicable	
				11/24/2017	5:00 AM	11:59 PM	Separation Flowback	19.00	0.00	19.00	0.00	Not applicable	Not applicable	
				11/25/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				11/26/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				11/27/2017	12:00 AM	5:25 AM	Separation Flowback	5.42	0.00	5.42	0.00	Not applicable	Not applicable	Well shut-in at 5:25 AM
				11/27/2017	5:37 AM	6:00 AM	Separation Flowback	0.38	0.00	0.38	0.00	Not applicable	Not applicable	Well re-opened at 5:37 AM and shut-in at 6:00 AM
				12/7/2017	10:00 AM	11:59 AM	Initial Flowback	2.00	0.00	0.00	0.00	Not applicable	Not applicable	
				12/7/2017	12:00 PM	11:59 PM	Separation Flowback	12.00	0.00	12.00	0.00	Not applicable	Not applicable	
				12/8/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ¹ (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
				12/9/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/10/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/11/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/12/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/13/2017	12:00 AM	1:00 PM	Separation Flowback	13.00	0.00	13.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 1:00 PM
Hansen 18-19-2H	Routine Development	(b) (9)	33-051-04066	12/3/2017	8:40 AM	5:59 PM	Initial Flowback	9.33	0.00	0.00	0.00	Not applicable	Not applicable	
				12/3/2017	6:00 PM	11:59 PM	Separation Flowback	6.00	0.00	6.00	0.00	Not applicable	Not applicable	
				12/4/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/5/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/6/2017	12:00 AM	5:00 AM	Separation Flowback	5.00	0.00	5.00	0.00	Not applicable	Not applicable	Well shut-in at 5:00 AM
				12/8/2017	9:00 PM	11:59 PM	Initial Flowback	3.00	0.00	0.00	0.00	Not applicable	Not applicable	
				12/9/2017	12:00 AM	12:59 AM	Initial Flowback	1.00	0.00	0.00	0.00	Not applicable	Not applicable	
				12/9/2017	1:00 AM	6:48 AM	Separation Flowback	5.82	0.00	5.82	0.00	Not applicable	Not applicable	No gas to surface at 6:49 AM. Divert flow to OTT
				12/9/2017	6:49 AM	8:44 AM	Initial Flowback	1.93	0.00	0.00	0.00	Not applicable	Not applicable	
				12/9/2017	8:45 AM	11:59 PM	Separation Flowback	15.25	0.00	15.25	0.00	Not applicable	Not applicable	
				12/10/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/11/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/12/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/13/2017	12:00 AM	7:00 AM	Separation Flowback	7.00	0.00	7.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 7:00 AM

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ² (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
Hansen 18-13-1H RD	Routine Development	(b) (9)	33-051-03266	11/29/2017	5:19 PM	11:59 PM	Initial Flowback	6.68	0.00	0.00	0.00	Not applicable	Not applicable	
				11/30/2017	12:00 AM	7:59 AM	Initial Flowback	8.00	0.00	0.00	0.00	Not applicable	Not applicable	
				11/30/2017	8:00 AM	11:59 PM	Separation Flowback	16.00	0.00	16.00	0.00	Not applicable	Not applicable	
				12/1/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/2/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/3/2017	12:00 AM	3:10 PM	Separation Flowback	15.17	0.00	15.17	0.00	Not applicable	Not applicable	Well shut-in at 3:10 PM
				12/8/2017	9:00 PM	10:24 PM	Initial Flowback	1.42	0.00	0.00	0.00	Not applicable	Not applicable	
				12/8/2017	10:25 PM	11:59 PM	Separation Flowback	1.58	0.00	1.58	0.00	Not applicable	Not applicable	
				12/9/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/10/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/11/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/12/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				12/13/2017	12:00 AM	11:59 PM	Separation Flowback	24.00	7.00	24.00	0.00	Not applicable	Not applicable	Partial sales/flare of gas from 5:00 PM onwards
				12/14/2017	12:00 AM	7:00 AM	Separation Flowback	7.00	7.00	7.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 7:00 AM
Emil Veverka S-20-17H-143-95L	Routine Development	(b) (9)	33-025-02821	5/19/2018	6:55 PM	11:59 PM	Initial Flowback	5.08	0.00	0.00	0.00	Not applicable	Not applicable	
				5/20/2018	12:00 AM	8:59 AM	Initial Flowback	9.00	0.00	0.00	0.00	Not applicable	Not applicable	
				5/20/2018	9:00 AM	11:59 AM	Separation Flowback	3.00	0.00	3.00	0.00	Not applicable	Not applicable	
				5/21/2011	12:00 AM	8:11 PM	Separation Flowback	20.18	0.00	20.18	0.00	Not applicable	Not applicable	Well shut-in at 8:11 PM
				5/24/2018	6:00 AM	11:59 PM	Initial Flowback	18.00	0.00	0.00	0.00	Not applicable	Not applicable	
				5/25/2018	12:00 AM	5:59 AM	Initial Flowback	6.00	0.00	0.00	0.00	Not applicable	Not applicable	
				5/25/2018	6:00 AM	3:00 PM	Separation Flowback	9.00	0.00	5.00	4.00	Pilot flame malfunction	Not applicable	Well turned to production facilities at 3:00 PM

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ¹ (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
Neal 2-33-28H-144-9S	Routine Development	(b) (9)	33-025-03377	5/30/2018	2:15 PM	9:59 PM	Initial Flowback	7.75	0.00	0.00	0.00	Not applicable	Not applicable	
				5/30/2018	10:00 PM	11:59 PM	Separation Flowback	2.00	0.00	2.00	0.00	Not applicable	Not applicable	
				5/31/2018	12:00 AM	6:00 AM	Separation Flowback	6.00	0.00	6.00	0.00	Not applicable	Not applicable	Well shut-in at 6:00 AM
				6/12/2018	7:00 AM	9:44 AM	Initial Flowback	2.75	0.00	0.00	0.00	Not applicable	Not applicable	
				6/12/2018	9:45 AM	11:59 PM	Separation Flowback	14.25	0.00	14.25	0.00	Not applicable	Not applicable	
				6/13/2018	12:00 AM	1:10 PM	Separation Flowback	13.17	4.17	9.00	0.00	Not applicable	Not applicable	Gas sales commenced at 9:00 AM Well turned to production facilities at 1:10 PM
Neal 3-33-28H-144-9S	Routine Development	(b) (9)	33-025-03379	5/23/2018	8:00 AM	11:59 PM	Separation Flowback	16.00	0.00	16.00	0.00	Not applicable	Not applicable	Gas observed immediately upon opening well
				5/24/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				5/25/2018	12:00 AM	1:00 PM	Separation Flowback	13.00	0.00	13.00	0.00	Not applicable	Not applicable	Well shut-in at 1:00 PM
				6/8/2018	9:00 AM	11:59 AM	Initial Flowback	3.00	0.00	0.00	0.00	Not applicable	Not applicable	
				6/8/2018	12:00 PM	11:59 PM	Separation Flowback	12.00	0.00	12.00	0.00	Not applicable	Not applicable	
				6/9/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				6/10/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				6/11/2018	12:00 AM	3:00 PM	Separation Flowback	15.00	0.00	15.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 3:00 PM

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ² (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
Twist 2-4-9H-143-95	Routine Development	(b) (9)	33-025-03376	6/3/2018	2:00 AM	2:59 PM	Initial Flowback	13.00	0.00	0.00	0.00	Not applicable	Not applicable	
				6/3/2018	3:00 PM	11:59 PM	Separation Flowback	9.00	0.00	9.00	0.00	Not applicable	Not applicable	
				6/4/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				6/5/2018	12:00 AM	9:00 AM	Separation Flowback	9.00	0.00	9.00	0.00	Not applicable	Not applicable	Well shut-in at 9:00 AM
				6/12/2018	7:00 AM	9:14 AM	Initial Flowback	2.25	0.00	0.00	0.00	Not applicable	Not applicable	
				6/12/2018	9:15 AM	11:59 PM	Separation Flowback	14.75	0.00	14.75	0.00	Not applicable	Not applicable	
				6/13/2018	12:00 AM	1:01 PM	Separation Flowback	13.02	4.02	9.00	0.00	Not applicable	Not applicable	Gas sales commenced at 9:00 AM Well turned to production facilities at 1:01 PM
Twist 3-4-9H-143-95	Routine Development	(b) (9)	33-025-03378	5/27/2018	11:30 AM	12:59 PM	Initial Flowback	1.50	0.00	0.00	0.00	Not applicable	Not applicable	
				5/27/2018	1:00 PM	11:59 PM	Separation Flowback	11.00	0.00	11.00	0.00	Not applicable	Not applicable	
				5/28/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				5/29/2018	12:00 AM	8:40 AM	Separation Flowback	8.67	0.00	8.67	0.00	Not applicable	Not applicable	Well shut-in at 8:40 AM
				6/8/2018	9:00 AM	11:59 AM	Initial Flowback	3.00	0.00	0.00	0.00	Not applicable	Not applicable	
				6/8/2018	12:00 PM	11:59 PM	Separation Flowback	12.00	0.00	12.00	0.00	Not applicable	Not applicable	
				6/9/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				6/10/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				6/11/2018	12:00 AM	3:00 PM	Separation Flowback	15.00	0.00	15.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 3:00 PM

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ³ (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
Laura Sadowsky 2-1-36H-142-96	Routine Development	(b) (9)	33-025-03437	6/11/2018	12:00 AM	6:59 PM	Initial Flowback	19.00	0.00	0.00	0.00	Not applicable	Not applicable	
				6/11/2018	7:00 PM	11:59 PM	Separation Flowback	5.00	0.00	5.00	0.00	Not applicable	Not applicable	
				6/12/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				6/13/2018	12:00 AM	6:50 PM	Separation Flowback	18.83	0.00	18.83	0.00	Not applicable	Not applicable	Well shut-in at 6:50 PM
				7/23/2018	9:00 AM	2:59 PM	Initial Flowback	6.00	0.00	0.00	0.00	Not applicable	Not applicable	
				7/23/2018	3:00 PM	11:59 PM	Separation Flowback	9.00	0.00	9.00	0.00	Not applicable	Not applicable	
				7/24/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				7/25/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	16.00	8.00	0.00	Not applicable	Not applicable	Gas sales commenced at 8:00 AM
				7/26/2018	12:00 AM	6:00 AM	Separation Flowback	6.00	6.00	0.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 6:00 AM
Laura Sadowsky 3-1-36H-142-96	Routine Development	(b) (9)	33-025-03436	6/6/2018	8:30 PM	11:59 PM	Initial Flowback	3.50	0.00	0.00	0.00	Not applicable	Not applicable	
				6/7/2018	12:00 AM	11:59 AM	Initial Flowback	12.00	0.00	0.00	0.00	Not applicable	Not applicable	
				6/7/2018	12:00 PM	12:59 PM	Separation Flowback	1.00	0.00	1.00	0.00	Not applicable	Not applicable	
				6/7/2018	1:00 PM	4:59 PM	Initial Flowback	4.00	0.00	0.00	0.00	Not applicable	Not applicable	
				6/7/2018	5:00 PM	11:59 PM	Separation Flowback	7.00	0.00	7.00	0.00	Not applicable	Not applicable	
				6/8/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				6/9/2018	12:00 AM	8:27 PM	Separation Flowback	20.45	0.00	20.45	0.00	Not applicable	Not applicable	Well shut in at 8:27 PM
				7/23/2018	10:00 AM	2:59 PM	Initial Flowback	5.00	0.00	5.00	0.00	Not applicable	Not applicable	
				7/23/2018	3:00 PM	11:59 PM	Separation Flowback	9.00	0.00	9.00	0.00	Not applicable	Not applicable	
				7/24/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				7/25/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	17.00	7.00	0.00	Not applicable	Not applicable	Gas sales commenced at 7:00 AM
				7/26/2018	12:00 AM	6:00 AM	Separation Flowback	6.00	6.00	0.00	0.00	Not applicable	Not applicable	Well turned to production facilities at 6:00 AM

Well Name	Well Completion Operation Type	Location of the Well	API Well Number	Date	Time Start	Time End	Flowback Stage	Duration of Flowback ¹ (hr/day)	Duration of Recovery to Flow Line ² (hr/day)	Duration of Combustion (hr/day)	Duration of Venting (hr/day)	Reasons for Venting in Lieu of Capture or Combustion	Exception Claimed Under §60.5375a(a)(3)	Comments/Explanation
State Gresz 3-26-35H-143-98	Routine Development	(b) (9)	33-007-01844	7/15/2018	9:00 AM	4:59 PM	Initial Flowback	8.00	0.00	0.00	0.00	Not applicable	Not applicable	
				7/15/2018	5:00 PM	11:59 PM	Separation Flowback	7.00	0.00	7.00	0.00	Not applicable	Not applicable	
				7/16/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				7/17/2018	12:00 AM	11:45 AM	Separation Flowback	11.75	0.00	11.75	0.00	Not applicable	Not applicable	Well shut-in at 11:45 AM
State Gresz 5-26-35H-143-98	Routine Development	(b) (9)	33-007-01846	7/9/2018	11:00 PM	11:59 PM	Initial Flowback	1.00	0.00	0.00	0.00	Not applicable	Not applicable	
				7/10/2018	12:00 AM	8:59 AM	Initial Flowback	9.00	0.00	0.00	0.00	Not applicable	Not applicable	
				7/10/2018	9:00 AM	11:59 PM	Separation Flowback	15.00	0.00	15.00	0.00	Not applicable	Not applicable	
				7/11/2018	12:00 AM	11:59 PM	Separation Flowback	24.00	0.00	24.00	0.00	Not applicable	Not applicable	
				7/12/2018	12:00 AM	1:00 PM	Separation Flowback	13.00	0.00	13.00	0.00	Not applicable	Not applicable	Well shut-in at 1:00 PM

Notes:

1. If the daily "Duration of Flowback" is listed as "0.0", this indicates the well was shut-in for the entire day and no flowback occurred. If "Duration of Flowback" is non-zero, but recovery, combustion and venting are listed as "0.0", this indicates the well did not produce any gas.
2. Wildcat, delineation and low pressure wells are not required to reporting the Duration of Recovery to Flow Line [§60.5420a(c)(1)(iii)(B)].

B. *Records of deviations specified in paragraph (c)(1)(ii) of this section that occurred during the reporting period. [§60.5420a(b)(2)(ii)]*

Table 1-B: Well Affected Facility Deviations from §60.5375a

Well Name	Deviation Description	Comments
Emil Veverka 5-20-17H-143-95L	Failure to meet §60.5375a(a)(3)	Pilot flame on completion combustion device was not operable for the last 4 hours prior to turning well to production facilities

C. *Records specified in paragraph (c)(1)(vii) of this section, if applicable, that support a determination under 60.5432a that the well affected facility is a low pressure well as defined in 60.5430a. [§60.5420a(b)(2)(iii)]*

Not applicable. Lime Rock did not operate any low pressure wells during the reporting period

III. Centrifugal Compressors [§60.5420a(b)(3)].

Affected facility

Each centrifugal compressor affected facility, which is a single centrifugal compressor using wet seals. A centrifugal compressor located at a well site, or an adjacent well site and servicing more than one well site, is not an affected facility under this subpart. [§60.5365a(b)]

Centrifugal compressor means any machine for raising the pressure of a natural gas by drawing in low pressure natural gas and discharging significantly higher pressure natural gas by means of mechanical rotating vanes or impellers. Screw, sliding vane, and liquid ring compressors are not centrifugal compressors for the purposes of this subpart [§60.5430a].

Reporting Requirements

- A. *An identification of each centrifugal compressor using a wet seal system constructed, modified or reconstructed during the reporting period. [§60.5420a(b)(3)(i)].*
- B. *Records of deviations specified in paragraph (c)(2) that occurred during the reporting period. [§60.5420a(b)(3)(ii)].*
- C. *If required to comply with §60.5380a(a)(1), the records specified in (c)(6) through (11) of this section. [§60.5420a(b)(3)(iii)]*
- D. *If complying with §60.5380a(a)(1) with a control device tested under §60.5413a(d) which meets the criteria in §60.5413a(d)(11) and §60.5413a(e), records specified in paragraph (c)(2)(i) through (c)(2)(vii) of this section for each centrifugal compressor using a wet seal system constructed, modified or reconstructed during the reporting period. [§60.5420a(b)(3)(iv)]*

Not applicable. Lime Rock did not operate any centrifugal compressor affected facilities during the reporting period

IV. Reciprocating Compressors [§60.5420a(b)(4)]

Affected facility

Each reciprocating compressor affected facility, which is a single reciprocating compressor. A reciprocating compressor located at a well site, or an adjacent well site and servicing more than one well site, is not an affected facility under this subpart [§60.5365a(c)].

Reporting Requirements

- A. *The cumulative number of hours of operation or the number of months since initial startup or since the previous reciprocating compressor rod packing replacement, whichever is later. Alternatively, a statement that emissions from the rod packing are being routed to a process through a closed vent system under negative pressure. [§60.5420a(b)(4)(i)]*
- B. *Records of the deviations specified in (c)(3)(iii) of this section that occurred during the reporting period. [60.5420a(b)(4)(ii)]*

Not applicable. Lime Rock did not operate any reciprocating compressor affected facilities during the reporting period.

V. Pneumatic Controllers [§60.5420a(b)(5)]

Affected Facility

(1) For the oil production segment (between the wellhead and the point of custody transfer to an oil pipeline), each pneumatic controller affected facility, which is a single continuous bleed natural gas-driven pneumatic controller operating at a natural gas bleed rate greater than 6 scfh. [§60.5365a(d)].

Reporting Requirements

- A. *An identification of each pneumatic controller constructed, modified, or reconstructed during the reporting period, including the identification information specified in §60.5390a(b)(2) or (c)(2) [§60.5420a(b)(5)(i)]*
- B. *If applicable, documentation that the use of pneumatic controller affected facilities with a natural gas bleed rate greater than 6 standard cubic feet per hour are required and the reasons why. [§60.5420a(b)(5)(ii)].*
- C. *Records of deviations specified in paragraph (c)(4)(v) that occurred during the reporting period. [§60.5420a(b)(5)(iii)]*

Not applicable. Lime Rock did not operate any pneumatic controller affected facilities during the reporting period

VI. Storage Vessels [§60.5420a(b)(6)]

Affected Facility

Each storage vessel affected facility, which is a single storage vessel with the potential for VOC emissions equal to or greater than 6 tpy as determined according to this section. [§60.5365a(e)].

Reporting Requirements

- A. *An identification, including the location, of each storage vessel affected facility for which construction, modification or reconstruction commenced during the reporting period. The location of the storage vessel shall be in latitude and longitude coordinates in decimal degrees to an accuracy and precision of five (5) decimals of a degree using the North American Datum of 1983. [§60.5420a(b)(6)(i)].*
- B. *Documentation of the VOC emission rate determination according to §60.5365a(e) for each storage vessel that became an affected facility during the reporting period or is returned to service during the reporting period. [§60.5420a(b)(6)(ii)].*
- C. *Records of deviations specified in paragraph (c)(5)(iii) that occurred during the reporting period. [§60.5420a(b)(6)(iii)]*
- D. *A statement that you have met the requirements specified in §60.5410a(h)(2) and (3) [§60.5420a(b)(6)(iv)]*
- E. *You must identify each storage vessel affected facility that is removed from service during the reporting period as specified in §60.5395a(c)(1)(ii), including the date the storage vessel affected facility was removed from service.[§60.5420a(b)(6)(v)].*
- F. *You must identify each storage vessel affected facility returned to service during the reporting period as specified in §60.5395a(c)(3), including the date the storage vessel affected facility was returned to service. [§60.5420a(b)(6)(vi)]*
- G. *If complying with §60.5395a(a)(2) with a control device tested under §60.5413a(d) which meets the criteria in §60.5413a(d)(11) and §60.5413a(e), records specified in paragraphs (c)(5)(vi)(A) through (F) of this section for each storage vessel constructed, modified, reconstructed or returned to service during the reporting period.[§60.5420a(b)(6)(vii)]*

Not applicable. Lime Rock did not operate any storage vessel affected facilities during the reporting period

VII. Pneumatic Pumps [§60.5420a(b)(8)]

Affected Facility

(2) For well sites, each pneumatic pump affected facility, which is a single natural gas-driven diaphragm pump. A single natural gas-driven diaphragm pump that is in operation less than 90 days per calendar year is not an affected facility under this subpart provided the owner/operator keeps records of the days of operation each calendar year and submits such records to the EPA Administrator (or delegated enforcement authority) upon request. For the purposes of this section, any period of operation during a calendar day counts toward the 90 calendar day threshold. [§60.5365a(e)].

Natural gas-driven diaphragm pump means a positive displacement pump powered by pressurized natural gas that uses the reciprocating action of flexible diaphragms in conjunction with check valves to pump a fluid. A pump in which a fluid is displaced by a piston driven by a diaphragm is not considered a diaphragm pump for purposes of this subpart. A lean glycol circulation pump that relies on energy exchange with the rich glycol from the contactor is not considered a diaphragm pump. [§60.5430a]

Reporting Requirements

- A. *For each pneumatic pump that is constructed, modified or reconstructed during the reporting period, you must provide certification that the pneumatic pump meets one of the conditions described in paragraphs (b)(8)(i)(A), (B) or (C) of this section. [§60.5420a(b)(8)(i)]*
- B. *For any pneumatic pump affected facility which has been previously reported as required under paragraph (b)(8)(i) of this section and for which a change in the reported condition has occurred during the reporting period, provide the identification of the pneumatic pump affected facility and the date it was previously reported and a certification that the pneumatic pump meets one of the conditions described in paragraphs (b)(8)(ii)(A), (B) or (C) or (D) of this section. [§60.5420a(b)(8)(ii)]*
- C. *Records of deviations specified in paragraph (c)(16)(ii) of this section that occurred during the reporting period. [§60.5420a(b)(8)(iii)]*

Not applicable. Lime Rock did not operate any pneumatic pump affected facilities during the reporting period

VIII. Fugitive Emission Component Affected Facilities [§60.5420a(b)(7)]

Affected Facility

Except as provided in §60.5365a(i)(2), the collection of fugitive emissions components at a well site, as defined in §60.5430a, is an affected facility.

A well site that only contains one or more wellheads is not an affected facility under this subpart. The affected facility status of a separate tank battery surface site has no effect on the affected facility status of a well site that only contains one or more wellheads. [§60.5365a(i)].

The collection of fugitive emissions components at a compressor station, as defined in §60.5430a, is an affected facility. [§60.5365a(j)]

Fugitive emissions component means any component that has the potential to emit fugitive emissions of methane or VOC at a well site or compressor station, including but not limited to valves, connectors, pressure relief devices, open-ended lines, flanges, covers and closed vent systems not subject to §60.5411a, thief hatches or other openings on a controlled storage vessel not subject to §60.5395a, compressors, instruments, and meters. Devices that vent as part of normal operations, such as natural gas-driven pneumatic controllers or natural gas-driven pumps, are not fugitive emissions components, insofar as the natural gas discharged from the device's vent is not considered a fugitive emission. Emissions originating from other than the vent, such as the thief hatch on a controlled storage vessel, would be considered fugitive emissions. [§60.5430a]

Reporting Requirements

- A. *Date of the survey. [§60.5420a(b)(7)(i)]*
- B. *Beginning and end time of the survey. [§60.5420a(b)(7)(ii)]*
- C. *Name of operator(s) performing survey. If the survey is performed by optical gas imaging, you must note the training and experience of the operator. [§60.5420a(b)(7)(iii)]*
- D. *Ambient temperature, sky conditions, and maximum wind speed at the time of the survey. [§60.5420a(b)(7)(iv)]*
- E. *Monitoring instrument used. [§60.5420a(b)(7)(v)]*
- F. *Number and type of components for which fugitive emissions were detected. [§60.5420a(b)(7)(vii)]*
- G. *Number and type of fugitive emissions components that were not repaired as required in §60.5397a(h). [§60.5420a(b)(7)(viii)]*

- H. Number and type of difficult-to-monitor and unsafe-to-monitor fugitive emission components monitored. [§60.5420a(b)(7)(ix)]*
- I. The date of successful repair of the fugitive emissions component. [§60.5420a(b)(7)(x)]*
- J. Number and type of fugitive emission components placed on delay of repair and explanation for each delay of repair. [§60.5420a(b)(7)(xi)]*
- K. Type of instrument used to resurvey a repaired fugitive emissions component that could not be repaired during the initial fugitive emissions finding. [§60.5420a(b)(7)(xii)]*
- L. Any deviations from the monitoring plan or a statement that there were no deviations from the monitoring plan. [§60.5420a(b)(7)(vi)]*

Table 8-A: General Well-Site Fugitive Emissions Monitoring Survey Information

Survey ID	Site Location	Date of Survey [§60.5420a(b)(7)(i)]	Beginning Time [§60.5420a(b)(7)(ii)]	Ending Time [§60.5420a(b)(7)(iii)]	Survey Technician [†] [§60.5420a(b)(7)(iii)]	Ambient Temperature (F) [§60.5420a(b)(7)(iv)]	Sky Conditions [§60.5420a(b)(7)(iv)]	Max Wind Speed (mph) [§60.5420a(b)(7)(iv)]	Monitoring Instrument Used [§60.5420a(b)(7)(v)]	Deviations from EMP? ² (Y/N) [§60.5420a(b)(7)(vi)]
1	Kenneth Stroh 6-12-1H-143-97L	10/31/2017	9:45 AM	9:55 AM	(b) (6)	28.0	Cloudy	12.0	OGI	Y
2	Kenneth Stroh 3-12-1H-143-977	10/31/2017	10:28 AM	10:47 AM		29.0	Cloudy	12.0	OGI	Y
3	Elroy Kadrmas 6-3-10H-143-96	10/31/2017	1:15 PM	1:24 PM		36.0	Cloudy	12.0	OGI	Y
4	Kenneth Stroh 5-1H-143-97	10/31/2017	1:48 PM	2:11 PM		38.0	Cloudy	12.0	OGI	N
5	Matthew Schmidt 4-2-35H-143-97	10/31/2017	2:22 PM	2:28 PM		40.0	Cloudy	9.0	OGI	N
6	State Knopik 3-21-16H-144-97	10/31/2017	2:51 PM	3:11 PM		41.0	Cloudy	9.0	OGI	N
7	Rebsom 3-14-23H-143-95	11/10/2017	9:55 AM	11:33 AM		24.0	Cloudy	8.4	OGI	Y
8	State 5-25-36H-144-97	11/13/2017	12:43 PM	2:34 PM		27.0	Clear	5.0	OGI	Y
9	High Ridge 8-5-1H-160-90	11/21/2017	9:28 AM	9:56 AM		5.0	Cloudy	14.9	OGI	N
10	Ward Hill 20-29-1H-160-90	11/21/2017	10:26 AM	10:35 AM		14.0	Cloudy	13.7	OGI	Y
11	Sandy 18-19-3TFH	1/23/2018	8:28 AM	8:58 AM		14.0	Cloudy	10.0	OGI	Y
12	Hansen B 18-19-1H	1/23/2018	10:40 AM	10:43 AM		16.0	Clear	10.0	OGI	N
13	Hansen 18-19-2H	1/23/2018	9:31 AM	10:03 AM		14.0	Clear	11.0	OGI	Y
14	Kenneth Stroh 5-1H-143-97	3/12/2018	11:42 AM	1:10 PM		31.0	Clear	5.0	OGI	Y
15	Matthew Schmidt 4-2-35H-143-97	3/12/2018	11:08 AM	12:09 PM		30.0	Clear	3.0	OGI	N
16	State Knopik 3-21-16H-144-97	3/12/2018	3:49 PM	4:48 PM		34.0	Clear	7.0	OGI	N
17	Kenneth Stroh 3-12-1H-143-97	3/12/2018	8:42 AM	9:22 AM		14.0	Clear	0.0	OGI	N
18	State 5-25-36H-144-97	3/12/2018	1:20 PM	4:27 PM		34.0	Clear	6.0	OGI	N
19	Elroy Kadrmas 6-3-10H-143-96	4/10/2018	7:49 AM	8:13 AM		31.0	Cloudy	6.0	OGI	N
20	Rebsom 3-14-23H-143-95	4/10/2018	1:22 PM	2:39 PM		51.0	Clear	11.0	OGI	N
21	Kenneth Stroh 6-12-1H-143-97L	5/14/2018	10:20 AM	11:38 AM		66.0	Cloudy	7.0	OGI	Y
22	High Ridge 8-5-1H-160-90	5/29/2018	9:46 AM	9:59 AM		75.0	Cloudy	8.0	OGI	N

Survey ID	Site Location	Date of Survey [§60.5420a(b)(7)(i)]	Beginning Time [§60.5420a(b)(7)(ii)]	Ending Time [§60.5420a(b)(7)(iii)]	Survey Technician ¹ [§60.5420a(b)(7)(iii)]	Ambient Temperature (F) [§60.5420a(b)(7)(iv)]	Sky Conditions [§60.5420a(b)(7)(iv)]	Max Wind Speed (mph) [§60.5420a(b)(7)(iv)]	Monitoring Instrument Used [§60.5420a(b)(7)(v)]	Deviations from EMP ² (Y/N) [§60.5420a(b)(7)(vi)]
23	Ward Hill 20-29-1H-160-90	5/29/2018	10:39 AM	10:50 AM	(b) (6)	75.0	Cloudy	5.0	OGI	N
24	Sandy 18-19-3TFH	5/29/2018	2:46 PM	3:03 PM	(b) (6)	74.0	Cloudy	12.0	OGI	Y
25	Hansen B 18-19-1H	5/29/2018	12:48 PM	1:00 PM	(b) (6)	76.0	Cloudy	8.0	OGI	N
26	Hansen 18-19-2H	5/29/2018	1:47 PM	2:04 PM	(b) (6)	76.0	Cloudy	16.0	OGI	Y
27	Emil Veverka S-20-17H-143-95L	6/6/2018	10:50 AM	11:31 AM	(b) (6)	67.0	Clear	7.0	OGI	N

Notes

1. Table 8-E lists the Monitoring Survey Technician experience and training
2. Table 8-B provides descriptions of any deviations from the Emissions Monitoring Plan (EMP)

Table 8-B: Description of Deviations from Emissions Monitoring Plan for Monitoring Surveys

Survey ID	Site Location	EMP Category	EMP Deviation Description
1	Kenneth Stroh 6-12-1H-143-97L	Survey Deadlines	Initial survey completed more than 60 days after FDOP ¹
2	Kenneth Stroh 3-12-1H-143-97	Survey Deadlines	Repair of nine leaking thief hatches completed after 30 day deadline
3	Elroy Kadrmas 6-3-10H-143-96	Survey Deadlines	Initial survey completed more than 60 days after FDOP Repair of ten leaking thief hatches completed after 30 day deadline and resurveyed after 30 day deadline
7	Rebsom 3-14-23H-143-95	Survey Deadlines	Repair of one "other" and seventeen leaking thief hatch components completed after 30 day deadline
8	State 5-25-36H-144-97	Survey Deadlines	Initial survey completed more than 60 days after FDOP ¹
10	Ward Hill 20-29-1H-160-90	Survey Deadlines	Resurvey of one leaking thief hatch completed after 30 day deadline
11	Sandy 18-19-3TFH	Survey Deadlines	Repair of three leaking thief hatches completed after 30 day deadline and resurveyed after 30 day deadline
13	Hansen 18-19-2H	Survey Deadlines	Repair of two leaking thief hatches completed after 30 day deadline and resurveyed after 30 day deadline
14	Kenneth Stroh 5-1H-143-97	Survey Deadlines	Repair of one leaking thief hatch completed after 30 day deadline
21	Kenneth Stroh 6-12-1H-143-97L	Survey Deadlines	Semi-annual survey completed more than 6 months after previous survey Repair of one connector and five leaking thief hatches completed after 30 day deadline and resurveyed after 30 day deadline
24	Sandy 18-19-3TFH	Survey Deadlines	Resurvey of three valves and twelve leaking thief hatches completed after 30 day deadline
26	Hansen 18-19-2H	Survey Deadlines	Repair of one connector and five leaking thief hatches completed after 30 day deadline and resurveyed after 30 day deadline

Notes:

1. Initial surveys were completed within 60 days of FDOP. However, the surveys may not have completed pursuant to the Emissions Monitoring Plan. Therefore, Lime Rock conducted additional surveys in accordance with the EMP that occurred more than 60 days after FDOP.

Table 8-C: Well-Site Fugitive Emissions Monitoring Survey Results

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(vii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
1	Kenneth Stroh 6-12-1H-143-97L	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	2	0	0	0
		Valve	0	N/A	0	0
2	Kenneth Stroh 3-12-1H-143-97	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	9	9	0	0
		Valve	0	N/A	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(viii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
3	Elroy Kadrmis 6-3-10H-143-96	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	10	10	0	0
		Valve	0	N/A	0	0
4	Kenneth Stroh 5-1H-143-97	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	2	0	0	0
		Valve	0	N/A	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(vii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
6	State Knopik 3-21-16H-144-97	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	1	0	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	9	0	0	0
		Valve	0	N/A	0	0
7	Rebsom 3-14-23H-143-95	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	1	1	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	21	17	0	0
		Valve	1	0	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(viii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
8	State 5-25-36H-144-97	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	1	0	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	1	0	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	19	0	0	0
		Valve	3	0	0	0
9	High Ridge 8-5-1H-160-90	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	5	0	0	0
		Valve	0	N/A	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(vii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of LTM Monitored [§60.5420a(b)(7)(ix)]
10	Ward Hill 20-29-1H-160-90	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	1	1	0	0
		Valve	0	N/A	0	0
11	Sandy 18-19-3TFH	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	4	3	0	0
		Valve	0	N/A	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(vii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
12	Hansen B 18-19-1H	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	1	0	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	0	N/A	0	0
		Valve	0	N/A	0	0
13	Hansen 18-19-2H	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	2	2	0	0
		Valve	1	0	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(vii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
14	Kenneth Stroh 5-1H-143-97	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	2	1	0	0
		Valve	0	N/A	0	0
17	Kenneth Stroh 3-12-1H-143-97	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	14	0	0	0
		Valve	0	N/A	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(vii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
18	State 5-25-36H-144-97	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	15	0	0	0
		Valve	1	0	0	0
19	Elroy Kadrmas 6-3-10H-143-95	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	1	0	0	0
		Instruments & meters	1	0	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	1	0	0	0
		Valve	0	N/A	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(vii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
20	Rebsom 3-14-23H-143-95	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	1	0	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	11	0	0	0
		Valve	0	N/A	0	0
21	Kenneth Stroh 6-12-1H-143-97L	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	12	12	0	0
		Valve	3	3	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(vii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
22	High Ridge 8-5-1H-160-90	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	2	0	0	0
		Valve	0	N/A	0	0
23	Ward Hill 20-29-1H-160-90	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	2	0	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	0	N/A	0	0
		Valve	1	0	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(vii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
24	Sandy 18-19-3TFH	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	1	1	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	2	0	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	8	7	0	0
		Valve	0	N/A	0	0
25	Hansen B 18-19-1H	Compressor	0	N/A	0	0
		Connector	0	N/A	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	1	0	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	5	0	0	0
		Valve	0	N/A	0	0

Survey ID	Site Location	FEC Type [§60.5420a(b)(7)(vii)]	# Found Leaking [§60.5420a(b)(7)(viii)]	# Not Repaired per 60.5397a(h) [§60.5420a(b)(7)(viii)]	# of DTM Monitored [§60.5420a(b)(7)(ix)]	# of UTM Monitored [§60.5420a(b)(7)(ix)]
26	Hansen 18-19-2H Hansen 18-19H Hansen 18-19-1H RD	Compressor	0	N/A	0	0
		Connector	1	1	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	0	N/A	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	10	5	0	0
		Valve	0	N/A	0	0
27	Emil Veverka 5-20-17H-143-95L Emil Veverka 6-20-17H-143-95	Compressor	0	N/A	0	0
		Connector	4	0	0	0
		Cover	0	N/A	0	0
		Closed Vent System	0	N/A	0	0
		Flange	0	N/A	0	0
		Instruments & meters	0	N/A	0	0
		Open-Ended Line	0	N/A	0	0
		Other	2	0	0	0
		Pressure Relief Device	0	N/A	0	0
		Thief hatch or other tank opening	4	0	0	0
		Valve	0	N/A	0	0

Notes

Table 8-D: Repair, Resurvey and DOR Information for Leaking Components

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xii)]
1	Kenneth Stroh 6-12-1H-143-97L	KENNETH STROH 6-12-1H-143-97L Tks A - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	10/31/2017	OGI
		KENNETH STROH 6-12-1H-143-97L Tks B - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	10/31/2017	OGI
2	Kenneth Stroh 3-12-1H-143-97	KENNETH STROH 2-12-1H-143-97 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		KENNETH STROH 2-12-1H-143-97 Tks G - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		KENNETH STROH 2-12-1H-143-97 Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		KENNETH STROH 2-12-1H-143-97 Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		KENNETH STROH 2-12-1H-143-97 Tks D - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		KENNETH STROH 2-12-1H-143-97 Tks E - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		KENNETH STROH 2-12-1H-143-97 Tks F - 5TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		RAPHAEL STROH 2-13-24H-143-97 Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		RAPHAEL STROH 2-13-24H-143-97 Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		ELROY KADRMAS 6-3-10H-143-96 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI
3	Elroy Kadrmās 6-3-10H-143-96	ELROY KADRMAS 6-3-10H-143-96 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI
		ELROY KADRMAS 6-3-10H-143-96 Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI
		ELROY KADRMAS 6-3-10H-143-96 Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [\$60.5420a(b)(7)(xi)]	Reason for DOR [\$60.5420a(b)(7)(xi)]	Date of Successful Repair [\$60.5420a(b)(7)(x)]	Resurvey Instrument Type [\$60.5420a(b)(7)(xii)]
		ELROY KADRMAS 6-3-10H-143-96 Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI
		ELROY KADRMAS 6-3-10H-143-96 Tks F - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI
		ELROY KADRMAS 5-3-10H-143-96 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI
		ELROY KADRMAS 5-3-10H-143-96 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI
		ELROY KADRMAS 5-3-10H-143-96 Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI
		ELROY KADRMAS 5-3-10H-143-96 Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018 ¹	OGI
4	Kenneth Stroh 5-1H-143-97	KENNETH STROH 5-1H-143-97 (P) Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	10/31/2017	OGI
		KENNETH STROH 5-1H-143-97 (P) Tks B - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	10/31/2017	OGI
6	State Knopik 3-21-16H-144-97	SHUCK 4-28-33H-144-97 (P) Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/8/2017	Method 21 Soap Solution
		SHUCK 4-28-33H-144-97 (P) Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/8/2017	Method 21 Soap Solution
		SHUCK 4-28-33H-144-97 (P) Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/8/2017	Method 21 Soap Solution
		SHUCK 4-28-33H-144-97 (P) Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/8/2017	Method 21 Soap Solution
		SHUCK 4-28-33H-144-97 (P) Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/8/2017	Method 21 Soap Solution
		SHUCK 4-28-33H-144-97 (P) Tks F - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/8/2017	Method 21 Soap Solution
		SHUCK 5-28-33H-144-97 (P) Tks A - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/8/2017	Method 21 Soap Solution
		State Knopik 3-21-16H-144-97 WH - PACKING LEAKING ON WELLHEAD	Other	N	Not applicable	11/13/2017	OGI

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xi)]
7	Rebsom 3-14-23H-143-95	State Knopik 3-21-16H-144-97 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	10/31/2017	OGI
		State Knopik 3-21-16H-144-97 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	10/31/2017	OGI
		REBSOM 3-14-23H-143-95 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 3-14-23H-143-95 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 3-14-23H-143-95 Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 3-14-23H-143-95 Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 3-14-23H-143-95 Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 3-14-23H-143-95 Tks F - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 4-14-23H-143-95 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 4-14-23H-143-95 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 4-14-23H-143-95 Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 4-14-23H-143-95 Tks C - LEAK UNDER 1ST PWG TANK NEAR SCRUBBER	Other	N	Not applicable	12/12/2017	OGI
		REBSOM 4-14-23H-143-95 Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 4-14-23H-143-95 Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/10/2017	OGI
		REBSOM 4-14-23H-143-95 Tks G - 3RD PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xii)]
		REBSOM 4-14-23H-143-95 Tks H - 4TH PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/10/2017	OGI
		REBSOM 4-14-23H-143-95 Tks I - 5TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 4-14-23H-143-95 Tks J - 6TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		Rebsom 4-14-23H-143-95 Tks M - Valve on Scrubber Pot near 1st PWG	Valve	N	Not applicable	11/10/2017	OGI
		REBSOM 5-14-23H-143-95 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/10/2017	OGI
		REBSOM 5-14-23H-143-95 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/10/2017	OGI
		REBSOM 5-14-23H-143-95 Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 5-14-23H-143-95 Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 5-14-23H-143-95 Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
		REBSOM 5-14-23H-143-95 Tks F - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	12/12/2017	OGI
8	State 5-25-36H-144-97	Kary 3-24-13H-144-97 HT A - OIL DUMP ON HEATER TREATER	Valve	N	Not applicable	11/14/2017	Method 21 Soap Solution
		Kary 3-24-13H-144-97 Tks A - PWG THIEF 6	Thief hatch or other tank opening	N	Not applicable	11/13/2017	OGI
		Kary 3-24-13H-144-97 Tks A - PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		Kary 3-24-13H-144-97 Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		Kary 3-24-13H-144-97 Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		Kary 4-24-13H-144-97 Tks A - PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xi)]
		Kary 4-24-13H-144-97 Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		Kary 4-24-13H-144-97 Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/13/2017	OGI
		STATE 5-25-36H-144-97 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/13/2017	OGI
		STATE 5-25-36H-144-97 Tks A - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/13/2017	OGI
		STATE 5-25-36H-144-97 Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 5-25-36H-144-97 Tks C - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 5-25-36H-144-97 Tks C2 - VIC CLAMP ON RIGHT EQUALISER LINE FOR 3RD OG TANK	Other	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 5-25-36H-144-97 Tks D - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 5-25-36H-144-97 Tks D2 - FLANGE ON VENT LINE AT TOP OF 4TH OG TANK	Flange	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 5-25-36H-144-97 Tks F - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/13/2017	OGI
		STATE 6-25-36H-144-97 HT A - FITTING ON DUMP VALVE GAS SUPPLY LINE	Valve	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 6-25-36H-144-97 HT B - GAS REGULATOR FOR FLARE	Valve	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 6-25-36H-144-97 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 6-25-36H-144-97 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [\$60.5420a(b)(7)(xi)]	Reason for DOR [\$60.5420a(b)(7)(xi)]	Date of Successful Repair [\$60.5420a(b)(7)(xi)]	Resurvey Instrument Type [\$60.5420a(b)(7)(xi)]
		STATE 6-25-36H-144-97 Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 6-25-36H-144-97 Tks D - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 6-25-36H-144-97 Tks E - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/14/2017	Method 21 Soap Solution
		STATE 6-25-36H-144-97 Tks F - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/13/2017	OGI
9	High Ridge 8-5-1H-160-90	High Ridge 8-5-1H-160-90 Tks A - PWG THIEF HATCH (HIGH PRESSURE)	Thief hatch or other tank opening	N	Not applicable	11/21/2017	OGI
		High Ridge 8-5-1H-160-90 Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/21/2017	OGI
		High Ridge 8-5-1H-160-90 Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/21/2017	OGI
		High Ridge 8-5-1H-160-90 Tks D - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/21/2017	OGI
		High Ridge 8-5-1H-160-90 Tks E - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/21/2017	OGI
10	Ward Hill 20-29-1H-160-90	Ward Hill 20-29-1H-160-90 Tks B - PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	11/27/2017	OGI
11	Sandy 18-19-3TFH	Sandy 18-19-3TFH Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	5/30/2018	OGI
		Sandy 18-19-3TFH Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/27/2018	Method 21 Soap Solution
		Sandy 18-19-3TFH Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/27/2018	Method 21 Soap Solution
		Sandy 18-19-3TFH, Tks A - 1ST PWG HAS HOLE ON E SIDE OF TANK	Thief hatch or other tank opening	N	Not applicable	2/27/2018	N/A. Removed from service
12	Hansen B 18-19-1H	Hansen B 18-19-1H, HT A - FLANGE ON GAS LINE LEAKING	Flange	Y	Repair requires well shut-in	Awaiting shutdown	Awaiting shutdown
13	Hansen 18-19-2H	Hansen 18-19-1H RD HT A - DUMP VALVE GAS SUPPLY FITTING LEAK	Valve	N	Not applicable	1/23/2018	OGI

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xi)]
		Hansen 18-19-1H RD Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		Hansen 18-19-2H. Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
14	Kenneth Stroh 5-1H-143-97	KENNETH STROH 5-1H-143-97 Tks A - 1st PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/12/2018	OGI
		KENNETH STROH 5-1H-143-97 Tks F - 4th OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
17	Kenneth Stroh 3-12-1H-143-97	KENNETH STROH 2-12-1H-143-97 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/12/2018	OGI
		KENNETH STROH 2-12-1H-143-97 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/12/2018	OGI
		KENNETH STROH 2-12-1H-143-97 Tks C - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/12/2018	OGI
		KENNETH STROH 2-12-1H-143-97 Tks D - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		KENNETH STROH 2-12-1H-143-97 Tks E - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		KENNETH STROH 2-12-1H-143-97 Tks F - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		KENNETH STROH 2-12-1H-143-97 Tks G - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		RAPHAEL STROH 2-13-24H-143-97 Tks A - 1st PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		RAPHAEL STROH 2-13-24H-143-97 Tks B - 2nd PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/12/2018	OGI
		Raphael STROH 2-13-24H-143-97 Tks C - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/12/2018	OGI
		Raphael STROH 2-13-24H-143-97 Tks D - 2nd PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		Raphael STROH 2-13-24H-143-97 Tks E - 1st OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xii)]
18	State 5-25-36H-144-97	Raphael STROH 2-13-24H-143-97 Tks F - 2nd OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		Raphael STROH 2-13-24H-143-97 Tks G - 3rd OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		Kary 3-24-13H-144-97 Tks A - PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		Kary 3-24-13H-144-97 Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		Kary 3-24-13H-144-97 Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		Kary 4-24-13H-144-97 Tks A - PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		Kary 4-24-13H-144-97 Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		Kary 4-24-13H-144-97 Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		STATE 5-25-36H-144-97 HT A - KR GAS REGULATOR ON GAS SALES LINE	Valve	N	Not applicable	3/15/2018	Method 21 Soap Solution
		STATE 5-25-36H-144-97 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		STATE 5-25-36H-144-97 Tks A - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		STATE 6-25-36H-144-97 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		STATE 6-25-36H-144-97 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/12/2018	OGI
		STATE 6-25-36H-144-97 Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		STATE 6-25-36H-144-97 Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		STATE 6-25-36H-144-97 Tks E - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(xi)]	Resurvey Instrument Type [§60.5420a(b)(7)(xi)]
19	Elroy Kadrmas 6-3-10H-143-96	STATE 6-25-36H-144-97 Tks F - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/19/2018	Method 21 Soap Solution
		STATE 6-25-36H-144-97 TKS A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	3/12/2018	OGI
		ELROY KADRMAS 5-3-10H-143-96 HT A - GAS REGULATOR	Instruments & meters	N	Not applicable	4/10/2018	OGI
		ELROY KADRMAS 5-3-10H-143-96 Tks D - Flange to the left of thief hatch	Flange	N	Not applicable	4/10/2018	OGI
20	Rebsom 3-14-23H-143-95	ELROY KADRMAS 6-3-10H-143-96 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/10/2018	OGI
		REBSOM 3-14-23H-143-95 HT A - GAS REGULATOR ON GAS SALES	Instruments & meters	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 4-14-23H-143-95 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 4-14-23H-143-95 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 4-14-23H-143-95 Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 4-14-23H-143-95 Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 4-14-23H-143-95 Tks F - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 5-14-23H-143-95 Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 5-14-23H-143-95 Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 5-14-23H-143-95 Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 5-14-23H-143-95 Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xi)]
		REBSOM 5-14-23H-143-95 Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
		REBSOM 5-14-23H-143-95 Tks F - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	4/15/2018	Method 21 Soap Solution
21	Kenneth Stroh 6-12-1H-143-97L	KENNETH STROH 6-12-1H-143-97L Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		KENNETH STROH 6-12-1H-143-97L Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		KENNETH STROH 6-12-1H-143-97L Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		KENNETH STROH 6-12-1H-143-97L Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		KENNETH STROH 6-12-1H-143-97L Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		KENNETH STROH 6-12-1H-143-97L Tks F - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		KENNETH STROH 6-12-1H-143-97L HT A - GAS REGULATOR	Valve	N	Not applicable	Repair in progress	Repair in progress
		RAPHAEL STROH 5-13-24H-143-97L HT A - CHECK VALVE	Valve	N	Not applicable	Repair in progress	Repair in progress
		RAPHAEL STROH 5-13-24H-143-97L HT B - GAS REGULATOR	Valve	N	Not applicable	Repair in progress	Repair in progress
		RAPHAEL STROH 5-13-24H-143-97L Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		RAPHAEL STROH 5-13-24H-143-97L Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		RAPHAEL STROH 5-13-24H-143-97L Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		RAPHAEL STROH 5-13-24H-143-97L Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
		RAPHAEL STROH 5-13-24H-143-97L Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xii)]
		RAPHAEL STROH 5-13-24H-143-97L Tks F - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	Repair in progress	Repair in progress
22	High Ridge 8-5-1H-160-90	High Ridge 8-5-1H-160-90 Tks A - PWG THIEF HATCH (HIGH PRESSURE)	Thief hatch or other tank opening	N	Not applicable	5/29/2018	OGI
		High Ridge 8-5-1H-160-90 Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	5/29/2018	OGI
23	Ward Hill 20-29-1H-160-90	Ward Hill 20-29-1H-160-90 HT B - GAS REGULATOR ON SEPARATOR LINE	Valve	N	Not applicable	5/29/2018	OGI
		Ward Hill 20-29-1H-160-90 Tks F - PIPELINE BOOSTER TANK 1 FLANGE	Flange	N	Not applicable	5/29/2018	OGI
		Ward Hill 20-29-1H-160-90 Tks G - PIPELINE BOOSTER TANK 2 FLANGE	Flange	N	Not applicable	5/29/2018	OGI
24	Sandy 18-19-3TFH	Sandy 18-19-2H HT A - Stain less Steel Fitting in HT	Other	N	Not applicable	5/29/2018	OGI
		Sandy 18-19-2H Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/27/2018	Method 21 Soap Solution
		Sandy 18-19-2H Tks A1 - HOLE IN VENT LINE	Closed Vent System	N	Not applicable	6/27/2018	Method 21 Soap Solution
		Sandy 18-19-2H Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/27/2018	Method 21 Soap Solution
		Sandy 18-19-2H Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/27/2018	Method 21 Soap Solution
		Sandy 18-19-2H Tks D - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/27/2018	Method 21 Soap Solution
		Sandy 18-19-2H Tks E - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/20/2018	OGI
		Sandy 18-19-3TFH Tks B - 2ND PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	5/30/2018	OGI
		Sandy 18-19-3TFH Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/27/2018	Method 21 Soap Solution

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xi)]
		Sandy 18-19-3TFH Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/27/2018	Method 21 Soap Solution
		Sandy 18-19-3TFH. HT A - Brass Fitting in HT	Other	N	Not applicable	5/29/2018	OGI
25	Hansen B 18-19-1H	Hansen B 18-19-1H Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/21/2018	OGI
		Hansen B 18-19-1H Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	5/29/2018	OGI
		Hansen B 18-19-1H Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	5/29/2018	OGI
		Hansen B 18-19-1H Tks D - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	5/29/2018	OGI
		Hansen B 18-19-1H Tks E - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	5/29/2018	OGI
26	Hansen 18-19-2H	Hansen 18-19-1H RD Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/20/2018	OGI
		Hansen 18-19-1H RD Tks A1 - VENT LINE CONN	Connector	N	Not applicable	7/18/2018 ²	Resurvey in progress
		Hansen 18-19-1H RD Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	7/18/2018 ²	Resurvey in progress
		Hansen 18-19-1H RD Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	7/18/2018 ²	Resurvey in progress
		Hansen 18-19-1H RD Tks D - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	7/18/2018 ²	Resurvey in progress
		Hansen 18-19-1H RD Tks E - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	7/18/2018 ²	Resurvey in progress
		Hansen 18-19-2H. Tks A - 1ST PWG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	7/18/2018 ²	Resurvey in progress
		Hansen 18-19-2H. Tks B - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/20/2018	OGI
		Hansen 18-19-2H. Tks C - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/20/2018	OGI

Survey ID	Site Location	Leaking Component ID	FEC Type	Placed on Delay of Repair (Y/N) [§60.5420a(b)(7)(xi)]	Reason for DOR [§60.5420a(b)(7)(xi)]	Date of Successful Repair [§60.5420a(b)(7)(x)]	Resurvey Instrument Type [§60.5420a(b)(7)(xii)]
27	Emil Veverka 5-20-17H-143-95L	Hansen 18-19-2H, Tks D - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/20/2018	OGI
		Hansen 18-19-2H, Tks E - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/20/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L F A1 - CONN ON FLARE LINE	Connector	N	Not applicable	6/29/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L F A2 - CONN ON FLARE LINE	Connector	N	Not applicable	6/29/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L HT A - VIC CLAMP ON PROD LINE	Other	N	Not applicable	6/6/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L HT B - HAMMER UNION	Other	N	Not applicable	6/29/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L HT C - CONN ON T-UNION	Connector	N	Not applicable	6/29/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L HT D - CONN	Connector	N	Not applicable	6/29/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L Tks C - 1ST OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/29/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L Tks D - 2ND OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/29/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L Tks E - 3RD OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/29/2018	OGI
		EMIL VEVERKA 5-20-17H-143-95L Tks F - 4TH OG THIEF HATCH	Thief hatch or other tank opening	N	Not applicable	6/29/2018	OGI

Notes:

1. Components were not found to be leaking at next semi-annual survey, but repair documentation was found to be missing.
2. Awaiting resurvey confirmation.

Table 8-E: Survey Technician Training and Experience [§60.5420a(b)(7)(iii)]

TechnicianID	First Name	Last Name	OGI Training Completed	OGI Experience
1	Monica	Hilton	Yes	1 year 8 months (as of Oct 2018)
2	Bailey	Ketelsen	Yes	6 months (as of Oct 2018)